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A solution of a fluorinated polymer and/or of a fluorormocer, which is organically modified ceramics containing fluorine, in a preferably fluorine-containing solvent is applied using dipping methods, or sprayed, spin-coated, brushed, sprinkled, doctored, rolled, or vapor deposited on as surface coating 20 to sensor element 10. Depending on the application method used and the ratio of solvent to fluorinated polymer, the thickness of surface coating 20 is easily adjustable within the range of about 10 nm to 10 μ m.

In the Claims:

✓
Please cancel claim 7 without prejudice.

✓
Please amend claims 1, 6, 8, 11, 13, 15 and 17 as follows:

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1. (Amended) An element for use in a motor vehicle, comprising:
an anti-adhesive surface coating acting as a protective layer,
wherein the coating contains at least one compound selected from the group consisting of fluorormocers, fluorine-containing silanes, polymeric fluorocarbon resins, and partially fluorinated polymers.

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6. (Amended) The element according to Claim 1, wherein the coating reduces an accumulation, on a surface of the element, of at least one of: dirty water, mineral oil,

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spray water, silicon oil, soot, salts, hydrocarbons, or dust particles.

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8. (Amended) The element according to Claim 1, wherein the coating is one of a fluorine-containing polymer film or a fluoro-silane coating.

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11. (Amended) The element according to Claim 1, wherein the element is composed of at least one of silicon, silicon nitride, silicon dioxide, glass, metal, a polymer or a ceramic.

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13. (Amended) The element according to Claim 2, wherein the sensor element is integrated in one of a humidity sensor, a climatic sensor, an air quality sensor, a temperature sensor or an airbag sensor.

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15. (Amended) The element according to Claim 1, wherein the coating is applied to inner walls of one of: gas-supply channels or air-supply channels.

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17. (Amended) The element according to Claim 1, wherein the coating is adhering and passes a cross-cut test.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The